

20 Results

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1. Journal Article

A framework for secure execution of software

Antonio Maña, Javier Lopez, Juan J. Ortega, Ernesto Pimentel and Jose M. Troya

The protection of software applications is one of the most important problems to solve in information...

International Journal of Information Security, Volume 3, Number 2 / November, 2004

PDF (990.8 KB)

2. Book Chapter

Toward Ubiquitous Acceptance of Biometric Authentication: Template Protection Techniques

Madalina Baitatu, Rosalia D'Alessandro and Roberta D'Amico

...secret sharing scheme. The fundamental goal of this technique is to secure biometric systems sensitive to privacy issues and which rely, at some extent, on...

Lecture Notes in Computer Science, Biometric Authentication

PDF (341.4 KB) HTML

3. Book Chapter

Biometric User Authentication for Heightened Information Security

Qinghan Xiao

...Unlike the common post-boot authentication method, an approach of pre-boot biometric authentication is presented with different solutions to enhance network security. In real...

Lecture Notes in Computer Science, Biometric Authentication

PDF (251.1 KB) HTML

4. Book Chapter

Biometric Recognition: How Do I Know Who You Are?

Anil K. Jain

...physiological and/or behavioral characteristics that are inherent to the person. Although biometric systems have been successfully deployed in a number of civilian applications, current...

Lecture Notes in Computer Science, Image Analysis and Processing -- ICIAP 2005

PDF (264.6 KB)

5. Book Chapter

Improving the Binding of Electronic Signatures to the Signer by Biometric Authentication

Olaf Henniger, Björn Schneider, Bruno Struif and Ulrich Waidmann

Due to the fact that the biometric characteristics of a person are bound to that person, biometric

methods deployed...

Lecture Notes in Computer Science, Advances in Biometrics

PDF (224.9 KB)

6. Book Chapter

Secure Biometric Authentication for Weak Computational Devices

Mikhail J. Atallah, Keith B. Frikken, Michael T. Goodrich and Roberto Tamassia

This paper presents computationally "lightweight" schemes for performing biometric authentication that carry out the comparison stage without revealing any information that...

Lecture Notes in Computer Science, Financial Cryptography and Data Security

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7. Book Chapter

Soft Generation of Secure Biometric Keys

Jovan Dj. Golić and Madalina Baitatu

...new, soft two-level approach for the generation of multiple and revocable biometric keys, adapted to the analog nature of biometric signals, is proposed. It...

Lecture Notes in Computer Science, Information Security and Privacy

PDF (364.3 KB)

8. Book Chapter

On the Rila-Mitchell Security Protocols for Biometrics-Based Cardholder Authentication in Smartcards

Raphael C.-W. Phan and Bok-Min Goi

Lecture Notes in Computer Science, Computational Science and Its Applications – ICCSA 2005

PDF (128.6 KB)

9. Book Chapter

One User, Many Hats; and, Sometimes, No Hat: Towards a Secure Yet Usable PDA

Frank Stajano

Lecture Notes in Computer Science, Security Protocols

PDF (321.4 KB)

10. Book Chapter

On the Rila-Mitchell Security Protocols for Biometrics-Based Cardholder Authentication in Smartcards

Raphael C.-W. Phan and Bok-Min Goi

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PDF (135.4 KB)

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1. Book Chapter

A Formal Study of the Privacy Concerns in Biometric-Based Remote Authentication Schemes

Qiang Tang, Julien Bringer, Hervé Chabanne and David Pointcheval

...we propose a novel security model to formalize the privacy concerns in biometric-based remote authentication schemes. Our security model covers a number of practical...

Lecture Notes in Computer Science, Information Security Practice and Experience

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2. Book Chapter

Improving the Binding of Electronic Signatures to the Signer by Biometric Authentication

Olaf Henniger, Björn Schneider, Bruno Struif and Ulrich Waldmann

Due to the fact that the biometric characteristics of a person are bound to that person, biometric methods deployed...

Lecture Notes in Computer Science, Advances In Biometrics

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3. Book Chapter

Biometric yet Privacy Protecting Person Authentication

Gerrit Bleumer

...equipped with a tamper resistant biometric authentication facility. We...

Lecture Notes in Computer Science, Information Hiding

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4. Book Chapter

Capacity and Examples of Template-Protecting Biometric Authentication Systems

Pim Tuijthuis and Jasper Goseling

In this paper, we formulate precisely the requirements for privacy protecting biometric authentication systems. The secrecy capacity C_s is investigated for the discrete...*Lecture Notes in Computer Science, Biometric Authentication*

PDF (248.7 KB) HTML

5. Book Chapter

Secure Biometric Authentication for Weak Computational Devices

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8. Book Chapter
Model-Based Security Engineering with UML
Jan Jürjens
Lecture Notes in Computer Science, Foundations of Security Analysis and Design III
PDF (803.8 KB)

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9. Book Chapter
Trusted Mobile Platforms
Eimear Gallery and Chris J. Mitchell
...focus in particular on three mobile applications, namely OMA DRM, SIMLock, and software download
Lecture Notes in Computer Science, Foundations of Security Analysis and Design IV
PDF (888.4 KB)

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10. Book Chapter
On the Rila-Mitchell Security Protocols for Biometrics-Based Cardholder Authentication in Smartcards
Raphael C.-W. Phan and Bok-Min Goi
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